## planetptc* <br> LIVE

## Geometries that Delight

Exploring Advanced 3D Surface Creation

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## Session Objectives

1 To enhance and expand your knowledge of advanced feature creation tools.

2 To demonstrate how complex 3D repeatable geometry can enhance product appearance and function.

3 To help you discover and understand how to use tools and features in combination to develop robust parametric models.

## Trend

An emerging trend in consumer products across every industry is the use of intricate three dimensional surface geometries to create products that appeal to the sense and offer an unexpected

## "Surprise and Delight"

## JAWBONE



3D surface embellishments offer opportunity to infuse a taste of fashion. planetptc

## JAWBONE

Fashion ~ Function Blend


## Jawhonie

FOR ROCLING


BY FARHAD MANJOO
ILLUSTRATION BY JOE ZEFF DESIGN

## JAWBONE

## Fashion ~ Function Blend


most innovative company. A few weeks after Up went on sale, Jawbone began hearing reports that some wristbands were dying. At first, the problem, which engineers tracked to a couple of bum capacitors in some units, looked like it could kill the prospects for the young

Jawbone's Jambox wireless speaker reverberated through the industry with its muscular sound, jewel-like case, and deep understanding of smartphone users. device. But Jawbone found a novel way to redeem itself. It temporarily put a stop to new orders and offered an unusual guarantee to everyone who'd already purchased a wristband, promising to refund their money, no questions asked. You didn't even have to send in your dead Up. It was savvier than the way Apple handled the iPhone 4's "antennagate," and the company scored another $\$ 40$ million in funding after the controversy. In other words, Jawbone is adding its own pages to the playbook.

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## Fashion ~ Function Blend


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Prosthetic Leg Fairing

## Fashion ~ Function Blend


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Fashion ~ Function Blend

screen legend

If Oscar Niemeyer is
Brazilian architecturés king of curves, Marcio Kogan is its prince of mininiralism. His Studio MKZ7 creates drama with stikingly spare, boxy buildings as opposed to Niemy the stuuturtys shtupely. by the country's shapely
topography and female res idents. But look closely-very closely-at the house that Kogan designed for a laige att-collecting tamily in an upscale neightochood near a
Sio Paillo park and youll see Sio Paulo patk and yout isee
cuves aplenty. They ie the curves aplenty. They te the lar sceens wapping a rooftop pavilion
This ethereal focade is the exquisite result of a collaboration with sculptor Ewwin Haver. an Interior Design Hall of Fane menter whose sinuous gee-
metic screens have sedured mesignest from Forence Knoll to Philip Johnson and beyond. The patten that Kogan chose to shield the two glass walls of the pavilion, which houses a gym, was the first one to

Forecting the gloss walla of The houses modtop gym are
 firstmotules, namedtocsien :
when they were introuced

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## "How would I model this?"

## creo parametric


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"How would I model this?"

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## Demonstration

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$\square 1$ Split
II 2 Splits
IIII 3 Splits
IIIII 4 Splits

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## Demonstration

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## Tech. Surf / ISDX

Boundary Blend

## Freestyle

## Surfaces

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Boundary Blend

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$\checkmark$ Flatten Quilt
Flatten-Quilt Deformation
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3D Manikins
allow for test fitting in the CAD environment and a quick visual feedback of the product in context.


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## Geometries that Delight

Creo Parametric
offers a full suite of tools to develop most any geometry one can imagine.

It's up to you to explore and delve into the exciting world of 3D surface creation!

## Thank You!

